

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Shinya HIRAI

Group Art Unit: 2612

Serial No.: 10/067,056

Examiner: Unassigned

Filed: February 4, 2002

For: SIGNAL PROCESSING APPARATUS, SIGNAL PROCESSING METHOD OF THE APPARATUS, OPERATION PROCESS PROGRAM OF THE METHOD, AND STORAGE MEDIUM STORING THE PROGRAM

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop \_\_\_\_\_  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to Rule 56, applicant hereby calls the attention of the Patent Office to the references listed on the attached Form PTO 1449. Copy(ies) of these references ☒ are attached

☐ were filed in related application U.S. Serial No(s) \_\_\_\_\_, filed \_\_\_\_\_, respectively.

☐ This document is being filed within three (3) months of the filing date of the application

☐ A check for the requisite fee of \$180 is enclosed.

☐ This document is being concurrently filed with the above-identified application

☐ This document is being concurrently filed with an Request for Continued Examination (RCE)

☒ This document is being filed prior to a first Office Action

☒ This document is accompanied by a Search Report/Communication cited in a corresponding PCT or foreign counterpart application.

☒ The Commissioner is hereby authorized to charge any additional fees which may be required for this Information Disclosure Statement, or credit any overpayment to Deposit Account No. 13-4503, Order No. 1232-4813.

Respectfully submitted,  
MORGAN & FINNEGAN, L.L.P.

Dated: 12/16/04

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↑AFFIX CUSTOMER NO. LABEL ABOVE ↑

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<b>FORM PTO-1449</b> <b>INFORMATION DISCLOSURE CITATION</b>	Attorney Docket: 1232-4813	Serial No.: 10/067,056
	Applicant: Shinya HIRAI	
	Filing Date: February 4, 2002	Group Art Unit: 2612

**U.S. PATENT DOCUMENTS**

Examiner Initial		Patent Number	Publication Date	Name	Class	Sub-Class	Filing Date
	AA	5,552,827	09/03/96	Maenaka et al.	348	266	
	AB	6,295,087 corresponding to JP 10-150668	09/25/01	Nohda	348	234	
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

**FOREIGN PATENT DOCUMENTS**

Examiner Initial		Patent Number	Publication Date	Country	Class	Sub-Class	Translation
	AL	9-84031	03/28/97	Japan			<input checked="" type="checkbox"/> Yes. Abstract Only.
	AM	2001-320720	11/16/01	Japan			<input checked="" type="checkbox"/> Yes. Abstract Only
	AN	10-150668 corresponding to US 6,295,087	06/02/98	Japan			<input checked="" type="checkbox"/> Yes. Abstract Only
	AO	11-177994	07/02/99	Japan			<input checked="" type="checkbox"/> Yes. Abstract Only
	AP						<input type="checkbox"/> Yes <input type="checkbox"/> No

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, etc.)**

	AR	European Search Report dated November 2, 2004.
	AS	
	AT	

Examiner

Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609.  
Draw line through citation if not in conformance and not considered.  
Include copy of this form with next communication to Applicant.